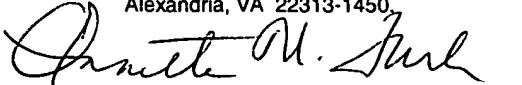


PATENT APPLICATION

I hereby certify that this transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 via Label No. EV3432447432US, on March 25, 2004, addressed to:

MAIL STOP: PATENT APPLICATIONS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

  
Annette M. Turk, Paralegal

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): William A. PALMISANO and  
Steven A. BELINSKY

Serial No.: Unknown

Filed: Herewith (March 25, 2004)

For: Cancer Monitoring by Aberrant Promotor:  
Methylation of the Transcription Factor Genes  
PAX5 Alpha PAX5 Beta, Novel Loop Helix Loop  
Protein, Novel Gene 2, and Beta 3 Genes

**Box: Patent Applications**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

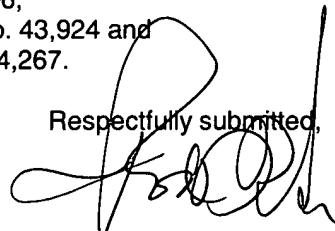
ASSOCIATE POWER OF ATTORNEY

Dear Sir:

Rod D. Baker, a principal attorney in the above-identified application for Letters Patent, hereby appoints as associate attorneys with full power:

Deborah A. Peacock, Reg. No. 31,649  
Jeffrey D. Myers, Reg. No. 35,964  
Paul Adams, Reg. No. 21,096,  
Stephen A. Slusher, Reg. No. 43,924 and  
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Respectfully submitted,



Rod D. Baker, Reg. No. 35,434  
Direct line: (505) 998-1504

Date: March 25, 2004

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**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII (i) to (v) (in general and the specific Notes to Box No. VIII (iv)). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/ US02/ 33499 (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: USSN 60/348,407  
filed 18 October 2001

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: WILLIAM A. PALMISANO

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(city and either US state, if applicable, or country)

Mailing Address: 125 Thunder Mountain Road  
Edgewood, New Mexico 87112 US

Citizenship: US

Inventor's Signature: *William A. Palmisano*  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 10/30/02  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: STEVEN A. BELINSKY

Residence: Albuquerque, New Mexico US  
(city and either US state, if applicable, or country)

Mailing Address: 13604 Crested Butte Drive, Northeast  
Albuquerque, New Mexico 87112 US

Citizenship: US

Inventor's Signature: *Steven A. Belinsky*  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 10/22/02  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

# PCT

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Name's should be indicated as they appear in the request):

LOVELACE RESPIRATORY RESEARCH INSTITUTE

PALMISANO, WILLIAM A.

BELINSKY, STEVEN A.

hereby appoints (appoint) the following person as:



agent



common representative

### Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BAKER, ROD D.

Peacock, Myers & Adams, P.C.

Post Office Box 26927

Albuquerque, New Mexico 87125-6927

US

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: Cancer Monitoring by Aberrant Promotor Methylation of the Transcription Factor Genes PAX5 ALPHA PAX5 BETA, NOVEL LOOP HELIX LOOP PROTEIN, NOVEL GENE 2, AND BETA 3

Applicant's or agent's file reference: 41543-0103

International application number (if already available): PCT/US02/33499

filed with the following Office U.S. PATENT AND TRADEMARK OFFICE as receiving Office and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

LOVELACE RESPIRATORY RESEARCH INSTITUTE

By

Robert Rubin, President

10/30/02  
Date

William A. Palmisano

10/30/02  
Date

Steven A. Belinsky

10/22/02  
Date

Date: \_\_\_\_\_